

Evaluation

- I can develop ideas through sketches and diagrams.
- I can generate ideas through computer-aided designs.
- I can evaluate against original design specification.
- I can analyse a range of existing products.
- I can evaluate and develop a design criteria.
- I can explore a famous inventor.
- I can make decisions taking into account time and resources.

Construction

- I can use a design criteria.
- I can make a design decision on resource availability.
- I can use a range of construction materials.
- I can test materials.
- I can demonstrate resourcefulness when tackling a practical problem.

Using tools

- I can use cutting, shaping, joining and finishing.
- I can explain choices of tools.
- I can use tools safely.
- I can use the correct technical vocabulary.
- I can apply a range of finishing techniques.
- I can produce a list of tools and materials needed.

Electrical systems

- I can use a diagram.
- I can order the main stages of making.
- I can use a simple electrical circuit.
- I can understand electrical components.
- I can use techniques that follow number of steps.

Computing

- I can generate ideas through use of a computer.
- I can use sensors and applications to build products.
- I can use a computer to program and monitor.

Textiles

- I can design an annotated sketch.
- I can use soft materials and textile equipment.
- I can measure, mark out and cut material.
- I can assemble and join fabrics using a stitch.
- I can make a 3D textile product.
- I can formulate step by step plans as a guide.

Food

- I can investigate food and healthy eating.
- I can create a recipe and adapt it.
- I can cook a range of savoury dishes.
- I can explain where different foods come from.
- I can explain which foods are fresh, pre-cooked or processed.
- I can explain and say which foods and drinks contain different substances.

Mechanisms

- I can use a design criteria.
- I can use gears, pulleys, cams, levers and linkages.
- I can order the main stages of making.
- I can describe and label a range of mechanisms in detail.
- I can be resourceful when tackling a practical problem.

Year 5/6 D&T Assessment

